

ABSTRACT

Integrated processes and systems for producing acetic acid and vinyl acetate are provided. In the processes and systems, a portion of the heat produced during the production of the acetic acid is transferred to the vinyl acetate 5 production and/or purification process and system to facilitate production and/or purification of the vinyl acetate product. The process and systems described herein are useful in conjunction with any of the various known processes for the production of acetic acid and vinyl acetate. The heat of the acetic acid production reaction may be transferred to the vinyl acetate production system by any suitable 10 heat transfer processes and systems. The heat may be provided to the purification section at a variety of locations in the vinyl acetate production and purification systems, depending on the specific configuration of the system to which the processes and systems. The process and systems described herein are useful to provide cost and energy savings in vinyl acetate production processes.